L Number	Hits	Search Text	DB	Time stamp
1	315830		USPAT;	2002/12/17 10:32
+	315830	band) or broadband or (wide adj range)	US-PGPUB;	2002/12/17 10:32
		band) of broadband of (wide ad) range)		
	56072	(DERWENT	2002/12/17 10:33
2	56273	• •	USPAT;	2002/12/1/ 10:33
		adj range)	US-PGPUB;	
_			DERWENT	0000/10/17 10 00
3	21283		USPAT;	2002/12/17 10:33
		band) or broadband or (wide adj range))	US-PGPUB;	
		and ((narrow adj band) or narrowband or	DERWENT	
		(narrow adj range))		
4	1173	fan adj shroud	USPAT;	2002/12/17 10:33
			US-PGPUB;	
			DERWENT	
5	11	1 , , ,	USPAT;	2002/12/17 11:24
		adj band) or broadband or (wide adj	US-PGPUB;	
		range)) and ((narrow adj band) or	DERWENT	
		narrowband or (narrow adj range))) and		
		(fan adj shroud)		
6	464669	series and parallel	USPAT;	2002/12/17 11:24
		-	US-PGPUB;	
			DERWENT	
7	140	(fan adj shroud) and (series and parallel)	USPAT;	2002/12/17 11:24
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			DERWENT	
8	77983	(series and parallel) and (resonator or	USPAT;	2002/12/17 11:27
١	,,,,,,,	noise or silencer)	US-PGPUB;	
		noted of bifoliost/	DERWENT	
9	36	(fan adj shroud) and ((series and	USPAT;	2002/12/17 11:27
	, 30	parallel) and (resonator or noise or	US-PGPUB;	2002, 12, 1, 11.2.
		silencer))	DERWENT	
10	7873	· ·	USPAT;	2002/12/17 11:29
10	1013	silencer)	US-PGPUB;	2002/12/17 11:23
		sitencer)	DERWENT	
.	_	(For add should) and ((garies and	USPAT;	2002/12/17 11:29
11	1	(fan adj shroud) and ((series and parallel) and (resonator or silencer))	US-PGPUB;	2002/12/1/ 11:23
		parallel) and (resonator of silencel)	DERWENT	
	4455505	,	USPAT;	2002/12/17 11:29
12	1155537	series	1	2002/12/17 11.29
			US-PGPUB; DERWENT	
			i .	2002/12/17 11:29
13	1708789	parallel	USPAT;	2002/12/1/ 11:29
			US-PGPUB;	
		<u>. </u>	DERWENT	0000 (10 (17 11 00
14	12655	series and (resonator or silencer)	USPAT;	2002/12/17 11:29
			US-PGPUB;	
			DERWENT	0000/10/15 15 55
15	18984	parallel and (resonator or silencer)	USPAT;	2002/12/17 11:29
			US-PGPUB;	
			DERWENT	
16	2		USPAT;	2002/12/17 11:29
		(resonator or silencer))	US-PGPUB;	
			DERWENT	
17	4	(fan adj shroud) and (parallel and	USPAT;	2002/12/17 11:32
		(resonator or silencer))	US-PGPUB;	
			DERWENT	
21	38	Helmholtz with (series and parallel)	USPAT;	2002/12/17 11:40
	1	•	US-PGPUB;	
			DERWENT	
22	0	(steel adj wool) and (fan adj shroud)	USPAT;	2002/12/17 11:41
		100001 445 110027 2114 (2411 445 2111 1117	US-PGPUB;	
			DERWENT	
22	27	(steel adj wool) and (resonator)	USPAT;	2002/12/17 12:52
23	27	(Steet ad) woot) and (tesonator)	US-PGPUB;	
			DERWENT	
	212	(steel adj wool) and (fan)	USPAT;	2002/12/17 12:52
24	219	(Steer ad) woor) and (ran)	US-PGPUB;	=====================================
			DERWENT	
		//	USPAT;	2002/12/17 12:55
25	11	((steel adj wool) and (fan)) and	US-PGPUB;	2002/12/1/ 12.55
		(resonator or silencer)		
			DERWENT	l

26 2 3542152.pn. USPAT; US-PGPUE DERWENT USPAT - 22 ("4650729" or "5410992" or "5518364" or "5625172" or "5636287" or "5638454" or "5760348" or "5783780" or "5869792" or "5912821" or "5979598" or "6027307" or "6048386" or "6054229" or "6082969" or "6048386" or "6054229" or "6082969" or	2002/12/17 12:55
- 22 ("4650729" or "5410992" or "5518364" or "5625172" or "5636287" or "5638454" or "5760348" or "5783780" or "5869792" or "5912821" or "5979598" or "6027307" or "6048386" or "6054229" or "6082969" or	
- 22 ("4650729" or "5410992" or "5518364" or "5625172" or "5636287" or "5638454" or "5760348" or "5783780" or "5869792" or "5912821" or "5979598" or "6027307" or "6048386" or "6054229" or "6082969" or	2002/12/15 15:06
"5625172" or "5636287" or "5638454" or "5760348" or "5783780" or "5869792" or "5912821" or "5979598" or "6027307" or "6048386" or "6054229" or "6082969" or	2002/12/20 20100
"5760348" or "5783780" or "5869792" or "5912821" or "5979598" or "6027307" or "6048386" or "6054229" or "6082969" or	
"5912821" or "5979598" or "6027307" or "6048386" or "6054229" or "6082969" or	
"6048386" or "6054229" or "6082969" or	
"C404CCO" "C44CCCO" "C4CCCC""	
"6104608" or "6112850" or "6123051" or	
"6188770" or "6206635" or "6270385" or	
"5248566").pn.	0000/10/01 00 07
- 2 "EP 1128071 A2" EPO; JPC DERWENT	o; 2002/12/01 22:07
- 0 "0018022 A1" USPAT;	2002/12/01 21:15
US-PGPUB	
- 52 181/205.ccls. USPAT;	2002/12/01 22:09
US-PGPUE	3;
DERWENT	
_ 158 181/198.ccls. USPAT;	2002/12/16 09:18
US-PGPUE	3;
DERWENT	0000 (10 (16 00 10
- 507 123/41.49.ccls. USPAT; US-PGPUE	2002/12/16 09:18
DERWENT	·
- 305 123/41.49.ccls. and (fan or shroud or USPAT;	2002/12/16 09:19
cover) US-PGPUE	,,
DERWENT	
- 143 (123/41.49.ccls. and (fan or shroud or USPAT;	2002/12/16 09:19
cover)) and (sound or noise) US-PGPUE	3;
DERWENT	
- 442 415/170.1.ccls. USPAT;	2002/12/16 10:06
US-PGPUE DEPUENT);
DERWENT 138 415/170.1.ccls. and (fan or shroud or USPAT;	2002/12/16 09:28
- 138 415/170.1.ccls. and (fan or shroud or USPAT; US-PGPUE	
DERWENT	·
- 17 ("3819008" "3850261" "4018297" USPAT	2002/12/16 09:34
4231447" "4260037" "4330047"	
"4433751" "4475867" "4503931"	
"4596921" "4750860" "4836148"	
"4858721" "5096013" "5183382" "5590849" "5625172").PN.	
- 0 6309176.URPN. USPAT	2002/12/16 09:34
- 434 415/169.1.ccls. USPAT;	2002/12/16 10:11
US-PGPUE	3;
DERWENT	
421 415/169.1.ccls. not 415/170.1.ccls. USPAT;	2002/12/16 10:06
US-PGPUE DEPMENT	57
DERWENT 86 (415/169.1.ccls. not 415/170.1.ccls.) and USPAT;	2002/12/16 10:07
86 (415/169.1.ccls. not 415/170.1.ccls.) and USPAT; (fan or shroud or cover) US-PGPUE	
(fan of shroud of cover) DERWENT	
_ 955 415/119.ccls. USPAT;	2002/12/16 10:36
US-PGPUE	3;
DERWENT	0000/10/15 10 10
478 415/119.ccls. and (fan or shroud or cover) USPAT;	2002/12/16 10:12
US-PGPUE DEPUENT	»;
DERWENT 300 (415/119 ccls and (fan or shroud or USPAT;	2002/12/16 10:12
_ 390 (415/119.ccls. and (fan or shroud or USPAT; cover)) and (sound or noise or resonator) US-PGPUE	
cover)) and (sound of noise of resonator) of reference	
_ 30 (415/119.ccls. and (fan or shroud or USPAT;	2002/12/16 10:12
cover)) and (resonator) US-PGPUE	3;
DERWENT	2000/10/15 10 11
- 19 ("H001357" "3936606" "3937590" USPAT	2002/12/16 10:14
"3946830" "4044263" "4104002"	
"4109108" "4192336" "4199295" "4419045" "4783817" "5060471"	
"5119427" "5325661" "5370340"	
"5377275" "5382134" "5498127"	
"5702230").PN.	

	,			
-	5		USPAT	2002/12/16 10:14
-	14	("3693749" "3936606" "3991849"	USPAT	2002/12/16 10:18
1		"4044203" "4199295" "4255083"		•
		"4689821" "4700177" "4715559"		
		"4947356" "4947434" "4967550"		
		"5031222" "5060471").PN.		
_	17	· · · · · · · · · · · · · · · · · · ·	USPAT	2002/12/16 10:18
_	330		USPAT;	2002/12/16 10:37
	330	415/170.1.ccls.)	US-PGPUB;	2002/12/10 10:57
		413/1/0.1.0015.)	DERWENT	
		///15/2021- \ //15/1101		2002/12/16 10:41
-	57	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2002/12/16 10:41
		415/170.1.ccls.)) and (fan or shroud or	US-PGPUB;	
		cover or resonator)	DERWENT	0000/10/15 10 50
-	189	416/169A.ccls.	USPAT;	2002/12/16 10:59
			US-PGPUB;	
			DERWENT	
 -	116	416/169A.ccls. and fan	USPAT;	2002/12/16 10:42
			US-PGPUB;	
			DERWENT	
-	426	416/189.ccls.	USPAT;	2002/12/16 10:59
			US-PGPUB;	
			DERWENT	
_	391	416/189.ccls. not 416/169A.ccls.	USPAT;	2002/12/16 10:59
-	391	710/107.0013. HOC 410/103A.0013.	US-PGPUB;	2002/12/10 10.39
		(416/100 1 - 1 416/1607 - 1)	DERWENT	2002/10/16 11 62
_	75	(416/189.ccls. not 416/169A.ccls.) and fan	USPAT;	2002/12/16 11:09
	1		US-PGPUB;	
	1		DERWENT	
-	732440	acoustic or noise or sound	USPAT;	2002/12/16 11:11
			US-PGPUB;	
			DERWENT	
_	5643884	reduc\$4 or eliminat\$3 or filter\$3 or	USPAT;	2002/12/16 11:17
		suppress\$3 or attenuat\$3 or inhibit\$3 or	US-PGPUB;	
		block\$3	DERWENT	
	274899	(acoustic or noise or sound) WITH (reduc\$4	USPAT;	2002/12/16 11:13
1	214099	or eliminat\$3 or filter\$3 or suppress\$3 or	US-PGPUB;	2002, 12, 10 11.13
	1		DERWENT	
		attenuat\$3 or inhibit\$3 or block\$3)		2002/12/16 11:18
-	41603	fan SAME (shroud or cover or housing)	USPAT;	2002/12/16 11:18
			US-PGPUB;	
			DERWENT	
-	4131	((acoustic or noise or sound) WITH	USPAT;	2002/12/16 11:14
	1	(reduc\$4 or eliminat\$3 or filter\$3 or	US-PGPUB;	
		suppress\$3 or attenuat\$3 or inhibit\$3 or	DERWENT	
		block\$3)) and (fan SAME (shroud or cover		
		or housing))		
_	155819	(181/\$.ccls.) or (416/\$.ccls.) or	USPAT;	2002/12/16 11:15
	100017	(415/\$.ccls.) or (123/\$.ccls.)	US-PGPUB;	
		(110/7.0010.) 01 (120/7.0010.)	DERWENT	
	007	((181/\$.ccls.) or (416/\$.ccls.) or	USPAT;	2002/12/16 11:16
-	887		US-PGPUB;	2002/12/10 11.10
		(415/\$.ccls.) or (123/\$.ccls.)) and	· ·	
1	1	(((acoustic or noise or sound) WITH	DERWENT	
		(reduc\$4 or eliminat\$3 or filter\$3 or		
		suppress\$3 or attenuat\$3 or inhibit\$3 or		
		block\$3)) and (fan SAME (shroud or cover		
	1	or housing)))		
1 -	883398	filter or suppressor or attenuator or	USPAT;	2002/12/16 11:17
		silencer	US-PGPUB;	ST AND ADDRESS OF THE PROPERTY
			DERWENT	1
1_	34945	(acoustic or noise or sound) NEAR3 (filter	USPAT;	2002/12/16 11:18
-	34343	or suppressor or attenuator or silencer)	US-PGPUB;	
		or subbressor or accemmance or strement	DERWENT	
		See MITTIN (abroad on source on bousing)	USPAT;	2002/12/16 11:19
-	30229	fan WITH (shroud or cover or housing)		2002, 12, 10 11.15
			US-PGPUB;	
1			DERWENT	0000/10/16 11 00
-	46	((acoustic or noise or sound) NEAR3	USPAT;	2002/12/16 11:32
		(filter or suppressor or attenuator or	US-PGPUB;	
		silencer)) SAME (fan WITH (shroud or	DERWENT	
1		cover or housing))		
_	1192	(noise or sound) adj2 (silencer or	USPAT;	2002/12/16 11:33
	*1,72	attenuator)	US-PGPUB;	
	1	accendacor,	DERWENT	
1	1			J

-	32	((noise or sound) adj2 (silencer or	USPAT;	2002/12/16 11:38
	!	attenuator)) and (fan WITH (shroud or cover or housing))	US-PGPUB; DERWENT	
-	222	l	USPAT; US-PGPUB;	2002/12/17 10:31
_	5	("3951566" "4050845" "4156344" "4836148" "5839397").PN.	DERWENT USPAT	2002/12/16 17:22
_	0	6390770.URPN.	USPAT	2002/12/16 17:23